

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/07282

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01P3/80 B60T8/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01P B60T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 557 552 A (FUJIWARA KENJI ET AL) 17 September 1996 (1996-09-17) the whole document	1-10
A	EP 0 294 803 A (PFISTER GMBH) 14 December 1988 (1988-12-14) abstract	1-10
A	DE 34 35 866 A (BOSCH GMBH ROBERT) 10 April 1986 (1986-04-10) abstract	1-10
A	DE 43 28 442 A (PHILIPS PATENTVERWALTUNG) 2 March 1995 (1995-03-02) abstract	1-10
	--- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

19 December 2003

Date of mailing of the international search report

21 JAN. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

LARS JAKOBSSON/MN

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/07282

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 825 177 A (FINNESTAD ASKELL ET AL) 20 October 1998 (1998-10-20) abstract</p> <p>-----</p>	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/07282

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5557552	A	17-09-1996	JP 3289375 B2	04-06-2002
			JP 6278419 A	04-10-1994
			DE 4409816 A1	29-09-1994

EP 0294803	A	14-12-1988	DE 3719320 A1	29-12-1988
			EP 0294803 A2	14-12-1988
			JP 63315958 A	23-12-1988
			US 4965729 A	23-10-1990

DE 3435866	A	10-04-1986	DE 3435866 A1	10-04-1986

DE 4328442	A	02-03-1995	DE 4328442 A1	02-03-1995

US 5825177	A	20-10-1998	SE 515008 C2	28-05-2001
			AT 204386 T	15-09-2001
			AU 2941095 A	25-01-1996
			DE 69522237 D1	20-09-2001
			DE 69522237 T2	05-09-2002
			EP 0797779 A1	01-10-1997
			JP 10506182 T	16-06-1998
			SE 9402350 A	05-01-1996
			WO 9601431 A1	18-01-1996
